Naval Air Traffic Management Systems Program Office

Marine Air Traffic Control Detachment Brief

Presented to
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PMA213

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Topics

- Marine Air Traffic Control Detachment (MATCD) Mission
- Marine Air Traffic Control and Landing Systems (MATCALS) Roadmap
- Current Mobile Facility Structure
- Current Issues
- Future Issues
- Points of Contact
- Questions

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Marine Air Traffic Control Detachment (MATCD) Mission

- The primary mission of MATCD is to provide all weather radar/nonradar approach, departure, en route, and tower Air Traffic Control (ATC) services to US and coalition aircraft.
- The MATCD also functions as an integral part of a MAGTF or joint force integrated air defense system (IADS).
- Marine ATC equipment is maintained by the MATCD's and is supported by Naval Air Systems Command (NAVAIR).
- Air port weather services. (METOC) (Not supported by PMA-213)

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MATCALS Roadmap

FY11 Deployed Systems:

- AN/TPS-73 ASR (FY14)
- AN/TPN-22 PAR (FY14)
- AN/TSQ-131 CCS (FY14)

ATNAVICS
AN/TPN-31A w/range extension FY13

- AN/TRN-44A TACAN

Modification/Upgrade

- AN/TRN-46 DAME (FY10)

Man Portable AN/TRN-47

- AN/TSQ-120B ATC Tower
- AN/TSQ-216 RLST

Modification/Upgrade

Future ATC Systems:

- G/ATOR
- CAC2S INC 2
- JPALS
- AN/TRN-X TACAN
- AN/TRN-47
- AN/TSQ-120C ATC Tower
- AN/TSQ-216A RLST

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Current Mobile Facility Structure

- Each MATCD has the following MF configurations at their site.

  - AT-11 (1) W/C 330 Support Equipment's primary repair facility.

  - AT-12 (1) W/C 01A AMO and W/C 011 MMCO's deployable workspace.

  - CR-03 (2) W/C 210 Communications and W/C 260 Radar's primary electronic repair facilities.

  - JU-8 (1) Integration Unit. (METOC)

  - WJ-02 (1) AN/TMQ-44A(v). (METOC)

  - SU-03 (1) Supply Van. (METOC)

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Detachment Mobile Facility

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Internal CR-03 W/C 260 Picture

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Mounted Crash Alarm System Picture

Current Issues

- MALS-14 (M2D) still pending CR-03, W/C 210.
- MALS-13 (M1D) Still pending AT-12, W/C 01A and 011 MMCO.
- MALS-14 and MALS-13 supporting two MATCD’s.
- Weather MF’s need to be transferred in the TBA to fall under the MATCD’s.
- AN/TMQ-44A Deployment Issues.

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Future Issues

- Detachment's M1D and M2D are being decomissioned NLT 30 September 2012.

  - MCBUL 5400 DTG: 241235Z May 11

- Moving MF's to NATTC Pensacola and MCCDC 29 Palms California.

- NATTC Pensacola

  - No MALS to provide support.

- MCCDC 29 Palms MATCD C(-)

  -Being supported via MALS-13. Could cause a supportability challenge.

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Questions ?

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